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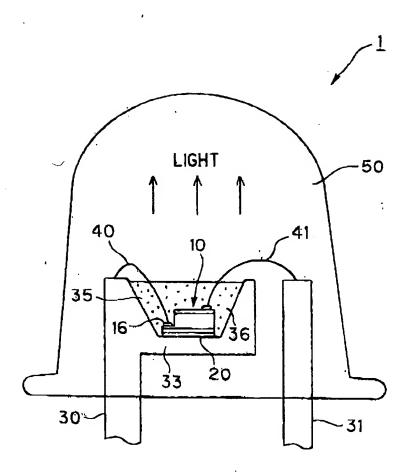
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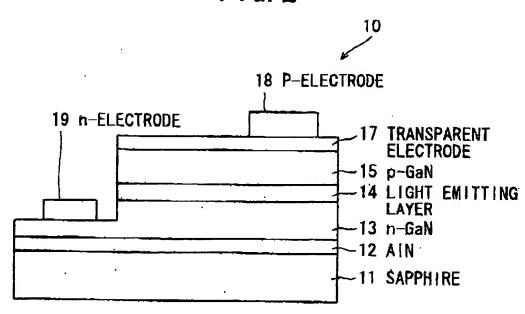
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FIG. 1

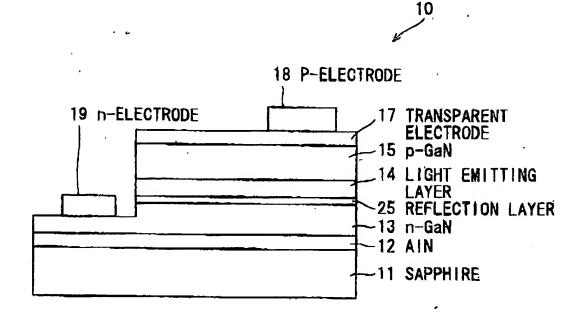


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FIG. 2



F/G. 3



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FIG. 4

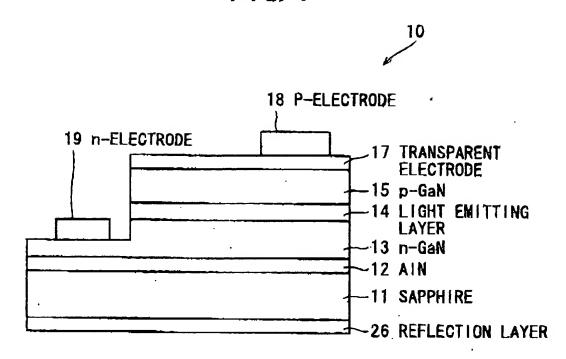


FIG. 5

0 (A1202-A1N)

10-1

10-2

b (Ca0-3A1N)

SiaNa

10-3

10-2

a (MzOz-9A1N)

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FIG. 6A

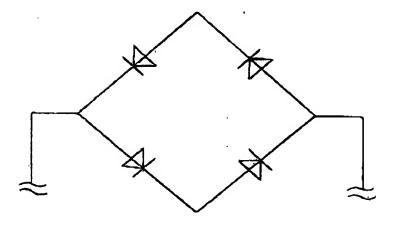


FIG. 6B

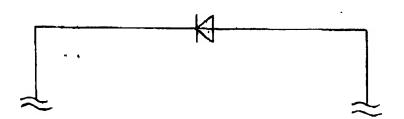


FIG. 7A

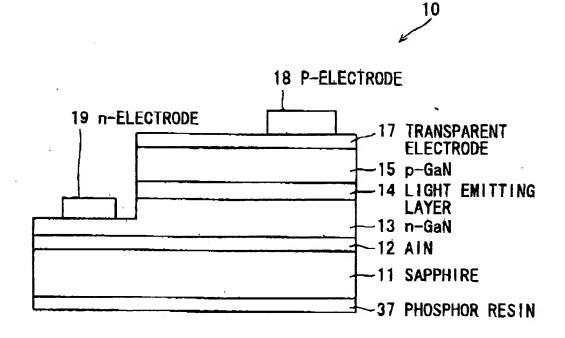


FIG. 7B

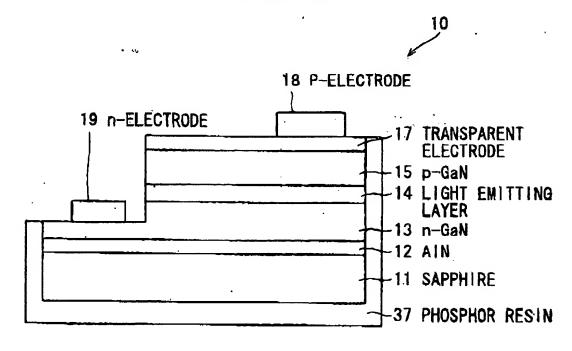


FIG. 8

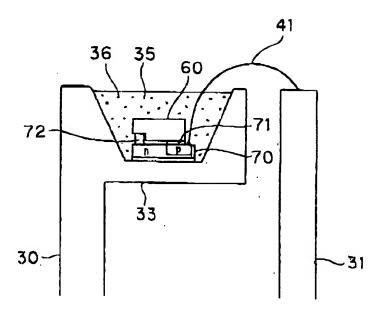


FIG. 9A

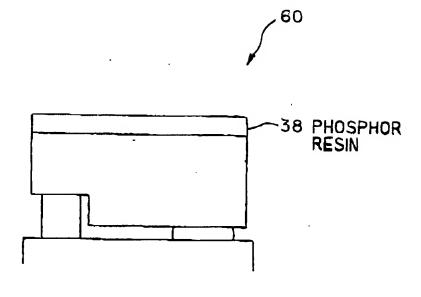
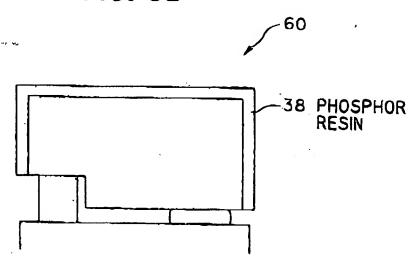


FIG. 9B



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FIG. 10

85

90

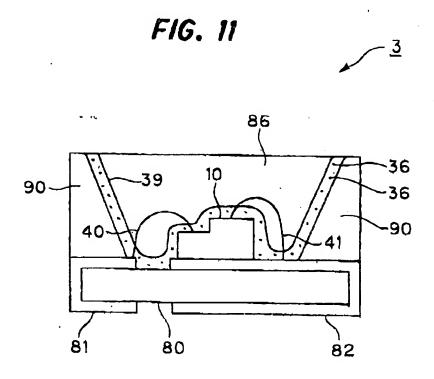
40

40

81

80

82



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FIG. 12

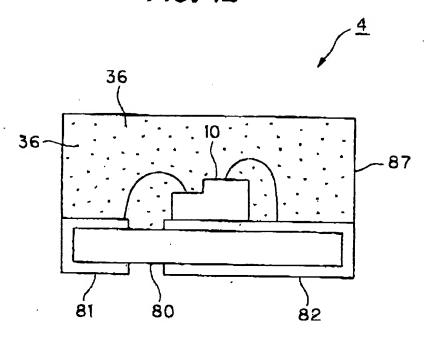
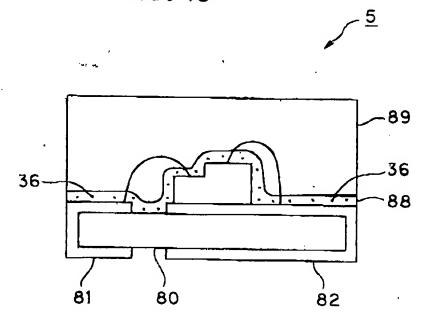


FIG. 13



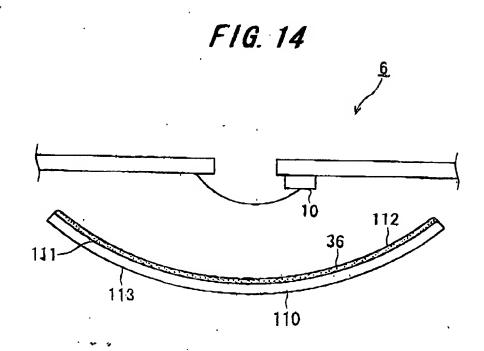


FIG. 15A

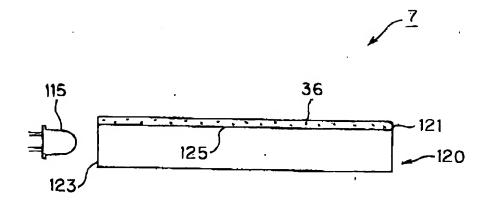


FIG. 15B

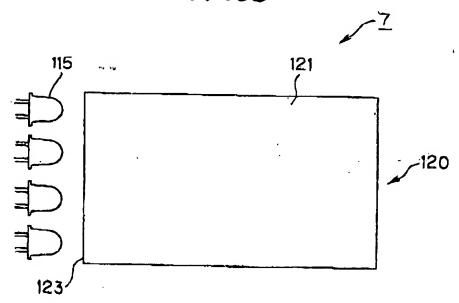


FIG. 16

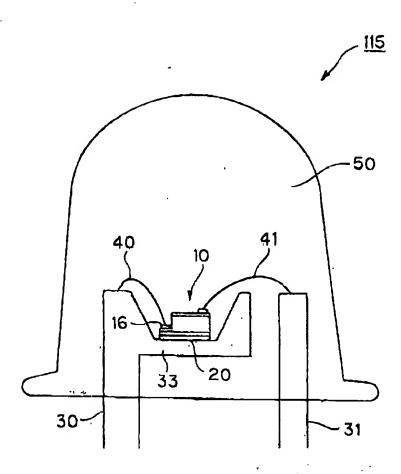


FIG. 17A

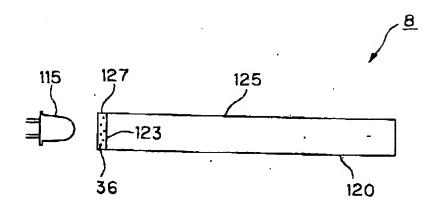
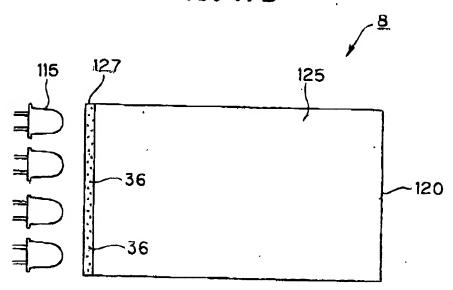


FIG. 17B



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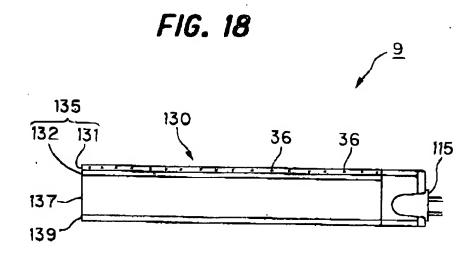


FIG. 19

140

145

16

33

30

31

160

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FIG. 20

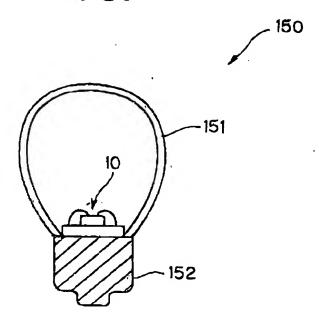


FIG. 21

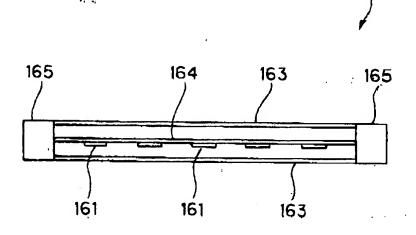


FIG. 22

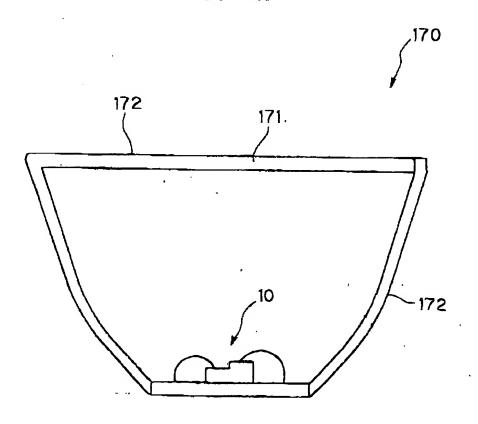


FIG. 23

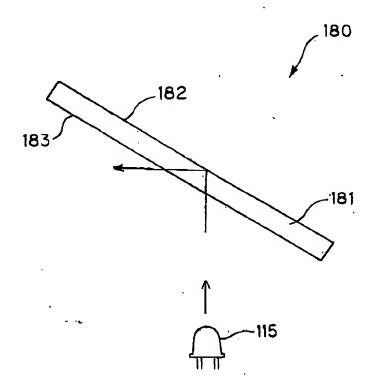
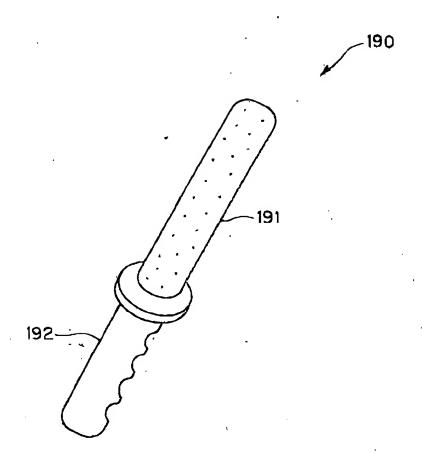
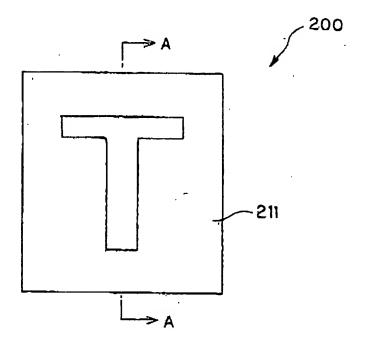


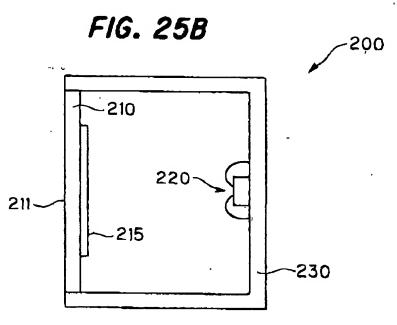
FIG. 24



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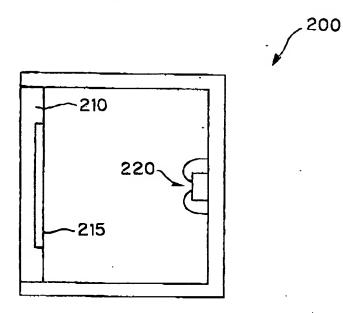
FIG. 25A





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FIG. 26



... FIG. 27

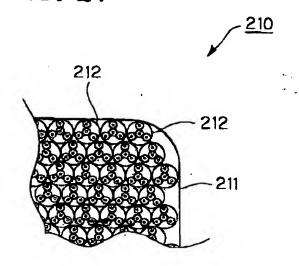


FIG. 28

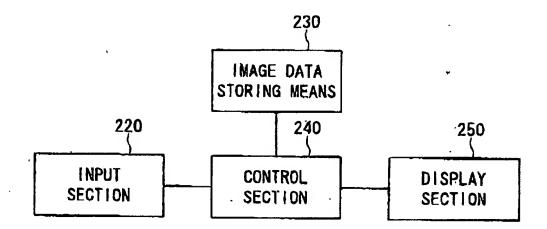
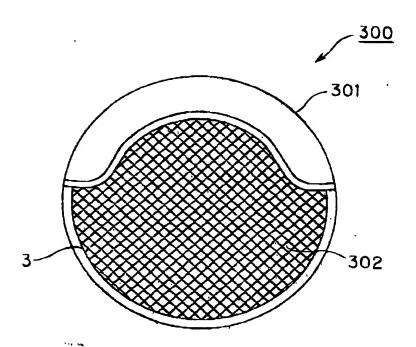
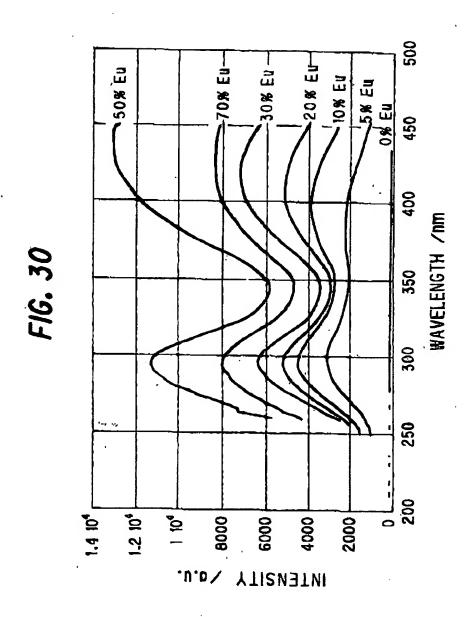


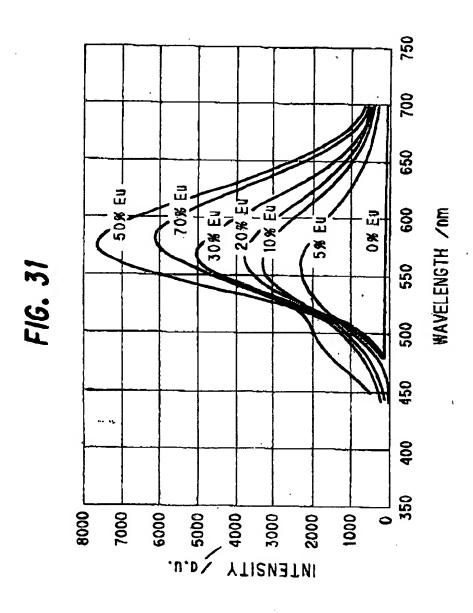
FIG. 29

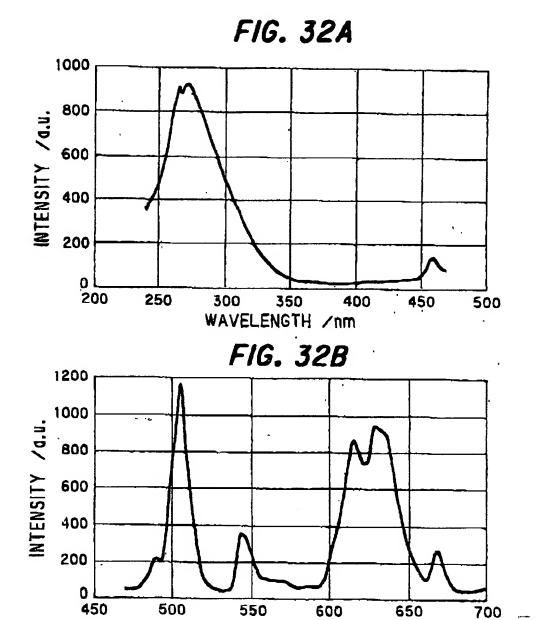


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WAVELENGTH /nm

3000

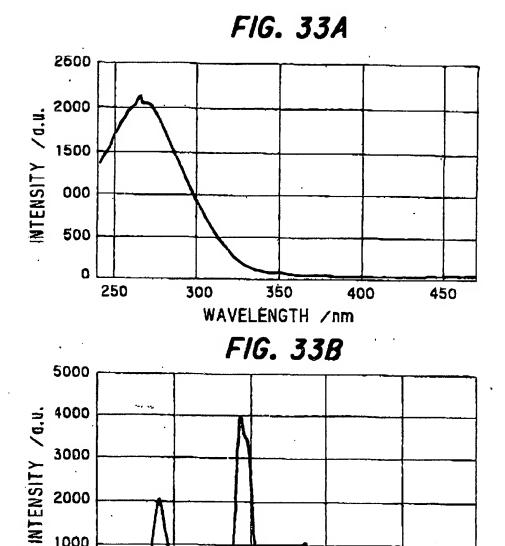
2000

1000

0 L 450

500

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550

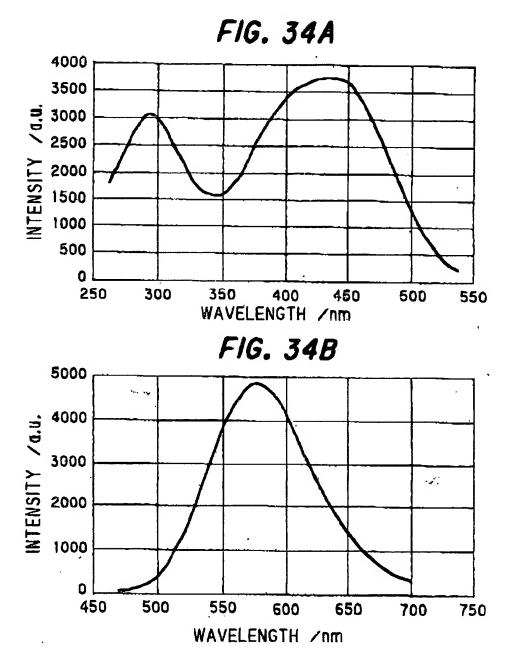
WAVELENGTH /nm

600

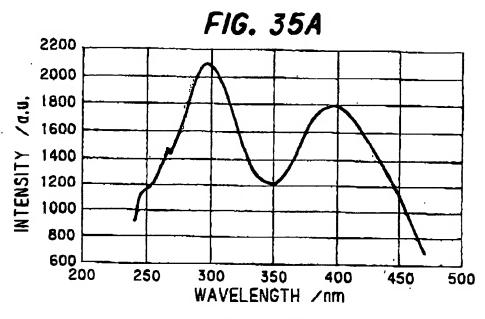
650

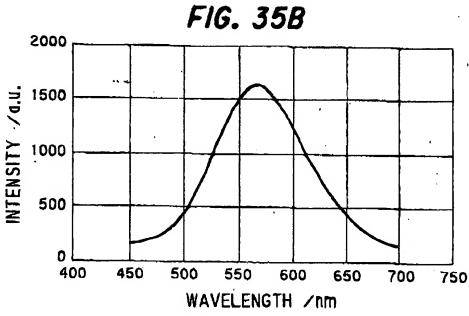
700



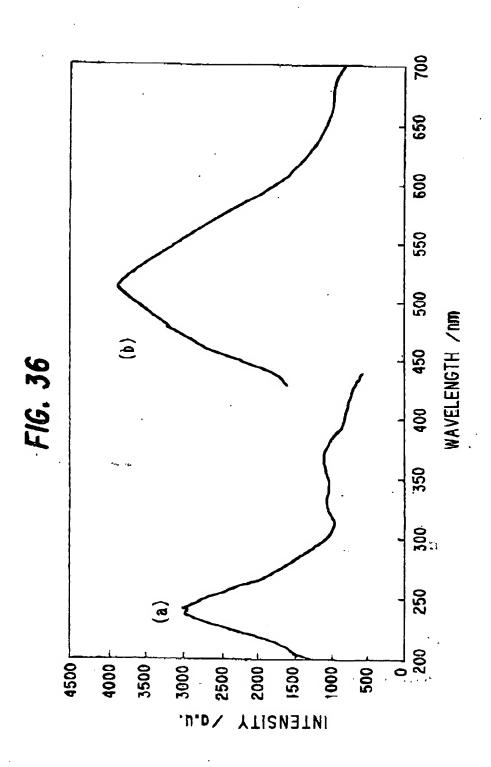


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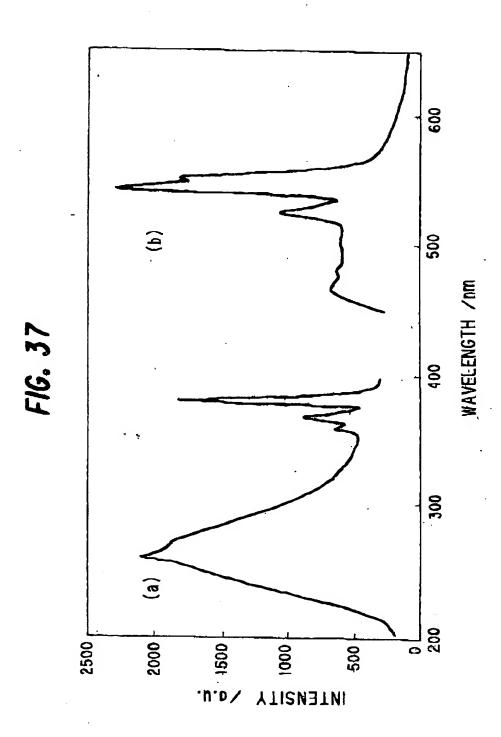
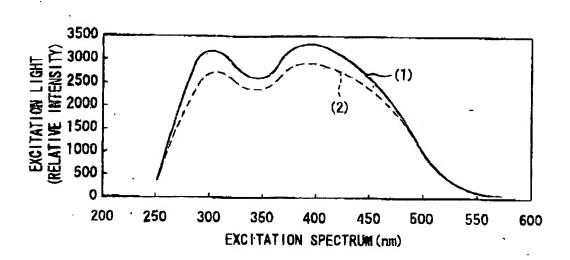
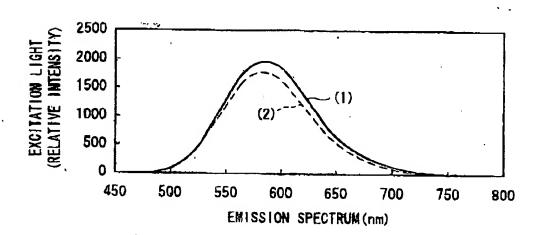


FIG. 38



F1G. 39





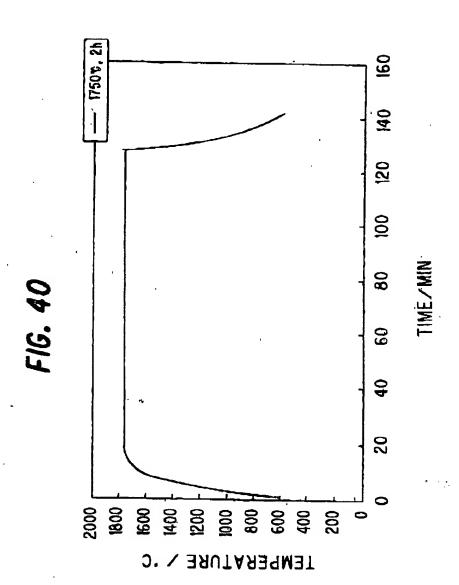


FIG. 41

	A	В	ပ	D	Ш	F	9	Н		2
×	3015	2010	1005	3030	2015	2010	1005	05025	05025,	0505
CaO	11.6	8,3.	3,1	9.7	7.9	11.3	6.1	2.2	3.26	3.2
SisNe	29.4	42.9	63.6	22.2	39.1	42.9	63.6	79.0	79.0	75.9
AIN	52,9	42.9	27.3	92.6	9'44	42.9	27.3	15.8	15.8	17.2
A(zOs	0	0	0	5.6	2.4	0	0	0	0	1,72
Eu2O3	3.0	3.0	3.0	3.0	3.0	1.5	1.5	1,5	0.1	1.0
Eu/Ca	0.51	0.72	1.9		0.76	0.27	0.49	1.4	0.61	0,63
Eu %	34	45	99	38	43	2)	33	23	38 .	39

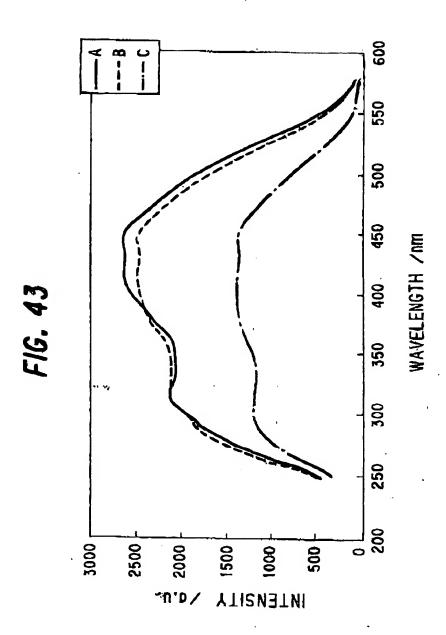
	×	Ţ	₹	Z
¥	3015	2613	5:010	2010
000	15.7	14.5	12.3	11.9
SisN4	29.4	34.2	42.9	42,9
AIN	52.9	49.4	42.9	42.9
A1203	0	0	0	0
Eu ₂ O ₃	1.0	071	1.0	21
Eu/Ca	0.13	0.14	0.16	0.20
Eu %	11	12	¥	. 21

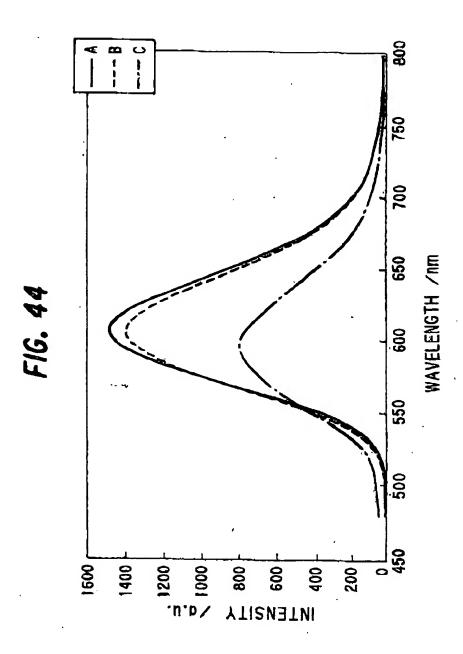
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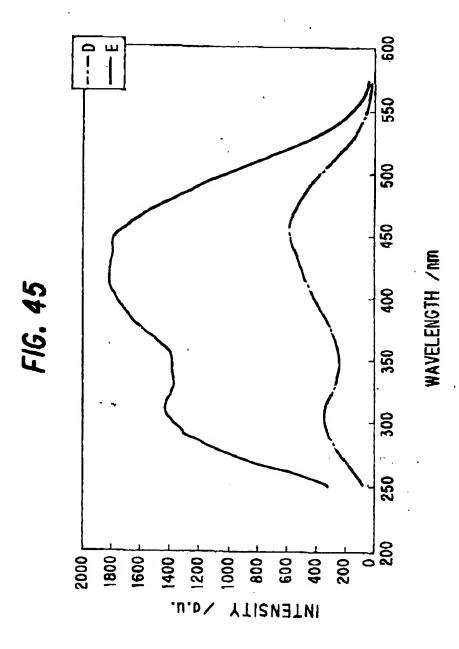
J.	0505	0.5	3.5	38.9	0.3	61	54 A
	05025	0,5	2.7	39.8	0.3	ſ1	55.7
Ξ	05025	0,4	2,6	39.7	0.5	1.1	55.6
9	1005	1,2	5.3	36.7	9'0	2.0	54.2
F	2010	2.7	10,3	30.9	0.7	3.8	51.5
E .	2015	1.9	2.2	28.9	1.5	5.9	49.5
D.	3030	2.9	20.3	20.2	1.8	10,8	63.6
3	3001	9%0	5.2	36.6	1.2	2,3	54.1
В	2010	2.0	10.3	30.8	1,4	4.1	514
A	3015	3,3	12,1	25.2	1.7	5.9	48.7
	H	Co	Al	S:	E	0	Z

	К	٦	M	N
×	3015	2613	2010	2010
Ca	4.5	3.9	3.0	2.9
Al	15.2	13.3	10.3	10.3
Si	25.3	9.75	31.0	30.9
Ēv	9.0	0.5	0.5	9,0
0.	5.4	4.7	3.7	3.7
N	49.0	50.0	51.6	51.6

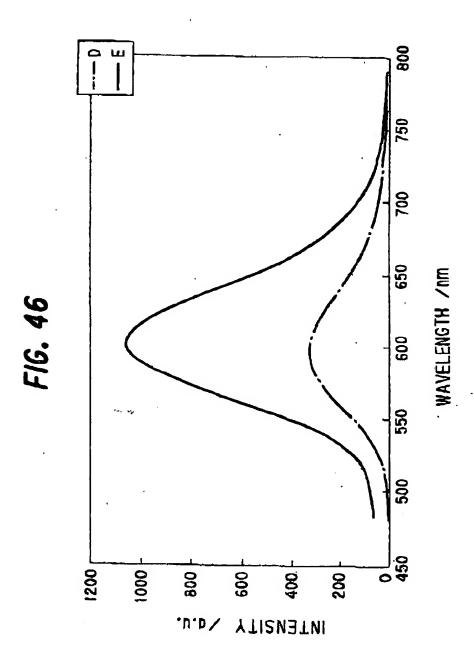
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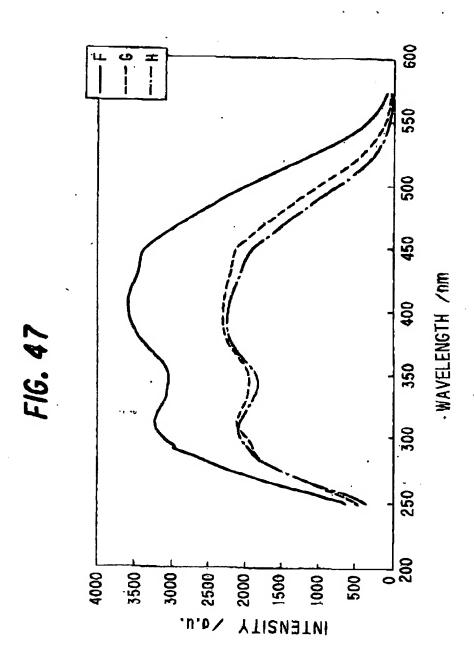




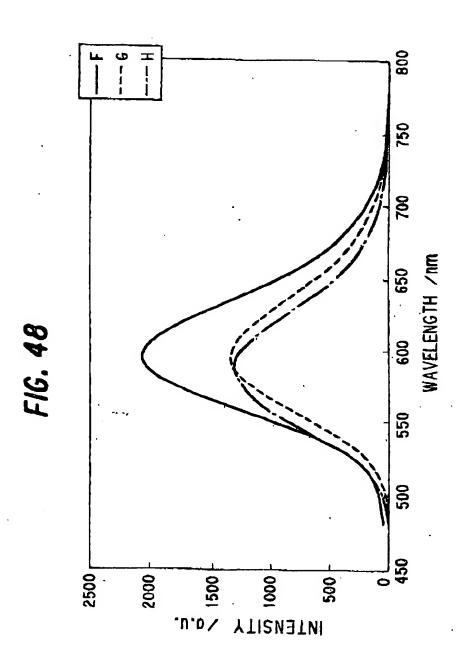
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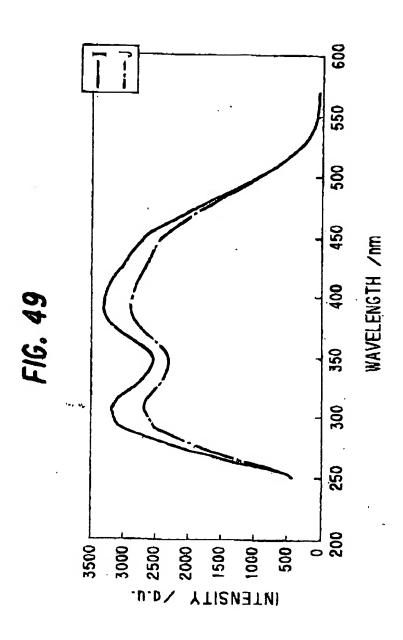


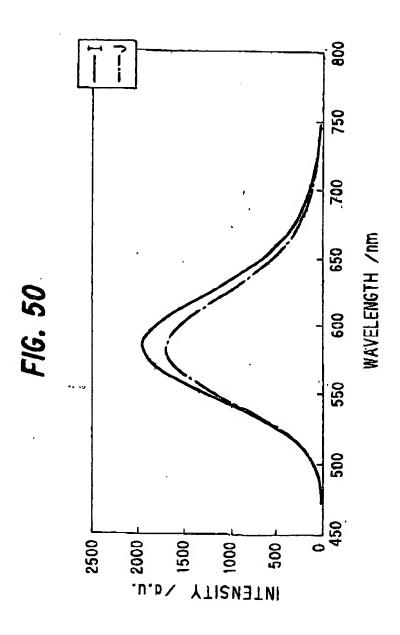
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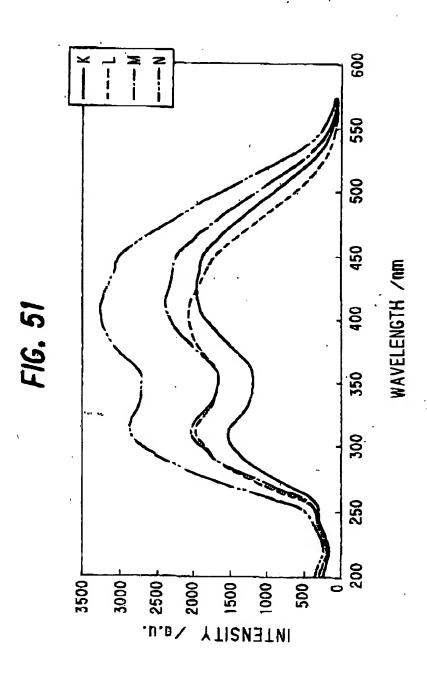


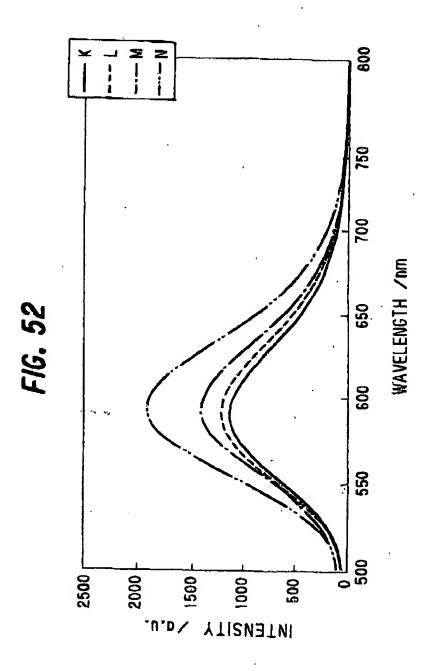
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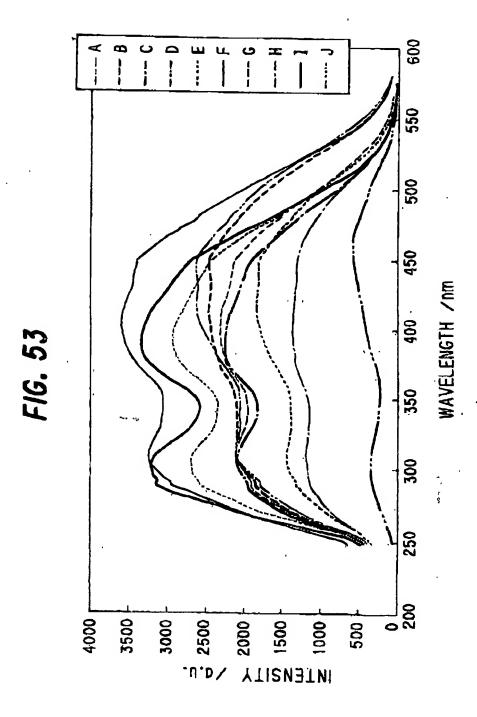


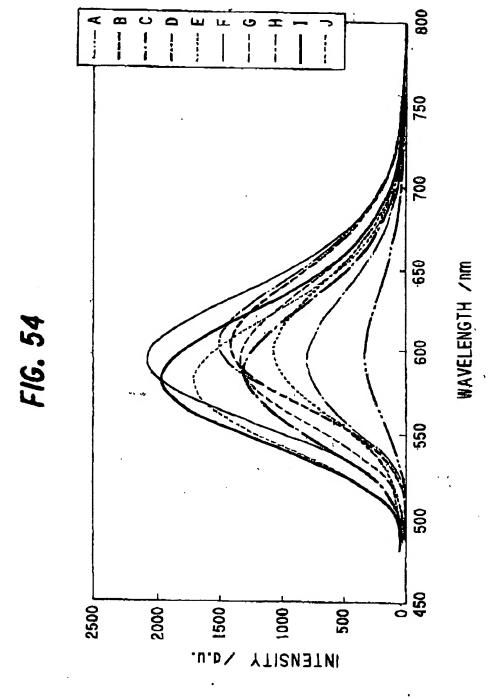


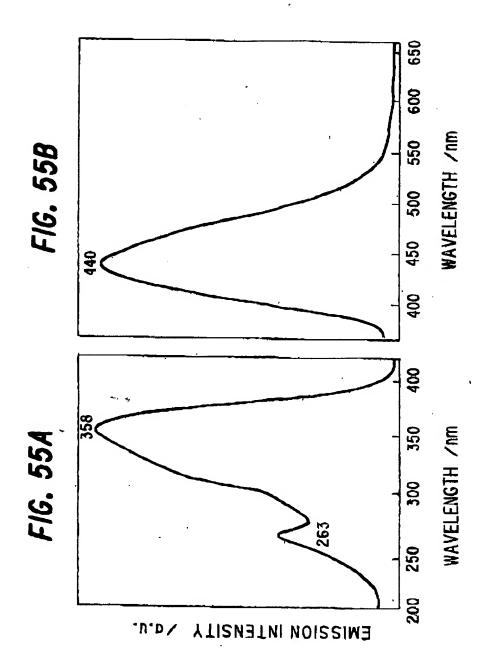


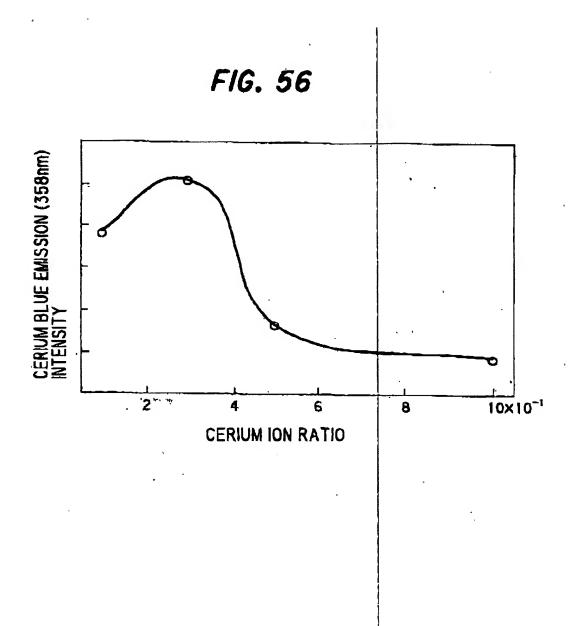












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